

SUMMARY

Wires

| | |
|------|---|
| Coax | 1 |
|------|---|

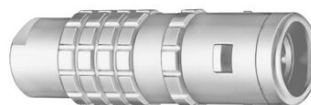


Image is for illustrative purpose only

| | |
|------------------|--------------------------------|
| Series | 1E |
| Termination type | Male solder Coaxial |
| IP rating | 68 mated (mating interface) |
| AWG wire size | 0.00 - 0.00 |
| Cable Ø | 6.10 - 6.50 mm |
| Status | Active |
| Matching parts | ERA.1E.250.CLL |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|--|
| Shell Style/Model | FFA*: Straight plug, cable collet |
| Keying | Circular, male |
| Housing Material | Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Weight | 22.46 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1E.250 : 1 Coax (50 Ohm) |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 12 Amps |

Specifications

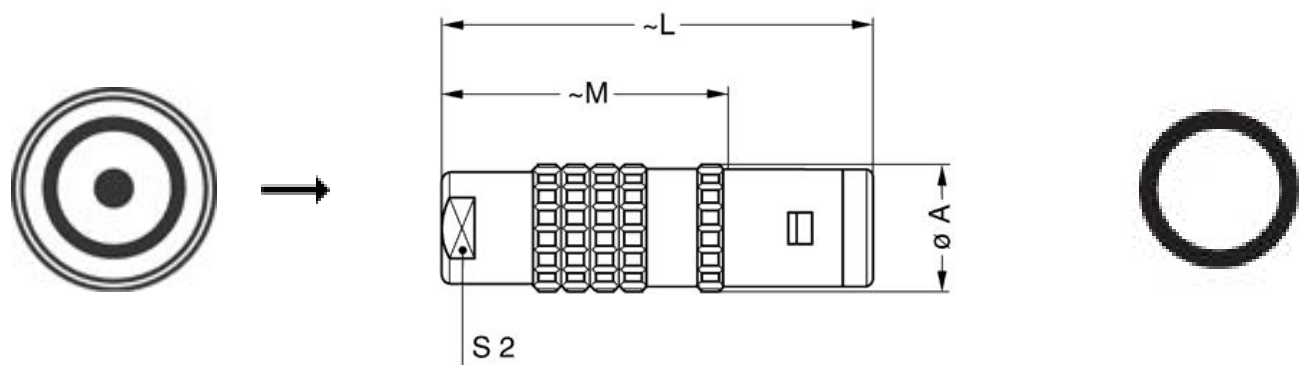
| |
|--|
| Contact Type: Coaxial 50 Ohm (Solder) |
| Contact Dia.: 0.9 mm (0.035in) |
| Bucket Dia.: 1 mm (0.039in) |
| Vtest: 3000 V (AC), 4200 V (DC) |
| Impedance: 50 Ohm |
| VSWR: 1.01 + 0.23 * f /GHz |
| Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U |

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Others

- Endurance (Shell): 5000 mating cycles
- Temp (min / max): -55°C / +200°C
- Humidity (max): <=95% [at 60 deg C / 140 F]
- Vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [6 ms]
- Climatical Category: 50/175/21
- Shielding (min): 95 dB (10 MHz)
- Shielding (min): 80 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | L | M | S2 |
|-----|------|------|------|------|
| mm. | 13 | 42 | 28 | 9 |
| in. | 0,51 | 1,65 | 1,10 | 0,35 |

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.1E.ZZZ.PA090](#)
- Caps: [BFA.1E.100.NAS](#)

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Cables

| | | | |
|--------------------|-----|--------|--|
| 159580 | PVC | Black | |
| 62000 | PVC | Black | |
| CCX.50.RG0.58AU61J | PVC | Yellow | |
| CCX.75.RG0.59BU62N | PVC | Black | |
| CCX.93.RG0.62AU62N | PVC | Black | |

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